

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H04L25/06 H04L27/14 H04L27/152

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 356 608 B1 (ATARIUS ROOZBEH) 12 March 2002 (2002-03-12) column 10, line 6 - column 13, line 11 column 7, line 25 - line 56 column 4, line 62 - column 5, line 51 column 3, paragraph 3 column 1, paragraph 1 abstract	1-4, 6, 7, 10-16
A	US 2003/043937 A1 (SHIDA MASAOKI ET AL) 6 March 2003 (2003-03-06) paragraph '0070! paragraph '0065! paragraph '0040! - paragraph '0045! paragraph '0036! paragraph '0002! - paragraph '0008! abstract	1-16



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*G\* document member of the same patent family

Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

25/01/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/082757 A (CONEXANT SYSTEMS INC) 17 October 2002 (2002-10-17) page 16, line 7 - page 17, line 13 page 14, line 21 - page 15, line 11 page 12, line 9 - line 17 page 10, line 4 - page 11, line 13 page 6, line 14 - line 31 -----	1-16
A	EP 1 217 781 A (AGILENT TECHNOLOGIES INC) 26 June 2002 (2002-06-26) paragraph '0016! - paragraph '0025! paragraph '0005! - paragraph '0006! -----	1-16
A	WO 01/26260 A (BRIEN JEREMIAH CHRISTOPHER O ; PARTHUS TECHNOLOGIES PLC (IE); SILICON) 12 April 2001 (2001-04-12) page 10, paragraph 2 page 8, last paragraph - page 9, paragraph 4 page 6, paragraph 1 page 1, paragraph 3 - paragraph 4 -----	1-16

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